

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	performance with level with select\$3 same graphics adj activity	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/15 10:37
S2	0	performance with select\$3 same graphics adj activity	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 11:00
S3	57267	monitor\$3 with processor	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 11:00
S4	3710	monitor\$3 with processor same performance	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 11:01
S5	182	monitor\$3 with processor same performance same graphic\$2	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 11:09
S6	35	core adj clock and memory adj clock	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 11:14
S7	10	core adj clock and memory adj clock and pipeline	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 11:18
S8	0	graphics adj card same (variable adjustable) with performance with level	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 11:19
S9	0	graphics adj card same (variable adjustable) with performance	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 11:19
S10	5	graphics adj system same (variable adjustable) with performance	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 11:21
S11	0	ati.as. and monitor with activity same select with performance	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 11:22
S12	0	ati.as. and monitor with activity same select	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 11:22
S13	813	ati.as.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 11:22
S14	3131	processor near3 clock and memory near3 clock	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 11:23
S15	364	processor near3 clock and memory near3 clock and select\$3 with rate	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 11:23

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S16	7	processor near3 clock and memory near3 clock and select\$3 with rate and display adj rate	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 11:24
S17	52	processor near3 clock and memory near3 clock and select\$3 with rate and display with rate	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 11:41
S18	6	((("6,535,986") or ("6,691,242") or ("6,567,868") or ("6,754,840") or ("6,622,254") or ("6,384,833"))).PN. or (2002/0062454).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/03/14 11:41
S19	7	((("6,535,986") or ("6,691,242") or ("6,567,868") or ("6,754,840") or ("6,622,254") or ("6,384,833") or ("20020062454"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/03/14 11:46
S20	1	((("2001000902220020143488") or ("20050049729"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/03/14 11:47
S21	3	((("20010009022") or ("20020143488") or ("20050049729"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/03/14 11:52
S22	845	measure with performance near3 characteristic	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 11:52
S23	0	measure with performance near3 characteristic and 345/501.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 11:53
S24	0	measure with performance near3 characteristic and processor near3 clock and memory near3 clock and pipeline	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 11:53
S25	15	measure with performance and processor near3 clock and memory near3 clock and pipeline	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 11:55
S26	82	memory and pipeline and graphic\$2 near3 process\$3 near3 clock and memory near3 clock	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 13:00
S27	9	ati.as. and (monitor\$3 measur\$3) with performance	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 13:09
S28	302	ati.as. and power	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 13:09
S29	85	ati.as. and low\$3 with power	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 13:35
S30	2023	low\$2 with (power energy) and high\$2 with (power energy) and clock with (rate speed) and pipeline	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 13:36

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S31	204	low\$2 with (power energy) and high\$2 with (power energy) and clock with (rate speed) and pipeline and clock with domain	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 14:15
S32	14	("20020069348"   "20020104032"   "20020188828"   "5452434"   "5799199"   "5987620"   "6233690"   "6247134"   "6317839"   "6609209"   "6611920"   "6651176"   "6851068").PN. OR ("7076681").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 14:11
S33	411	(display frame) near3 rate and clock near3 (rate speed) and graphic\$2 near2 process\$3 and memory and (monitor\$3 measur\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 14:19
S34	338	(display frame) near3 rate and clock near3 (rate speed) and graphic\$2 near2 process\$3 and memory and (monitor\$3 measur\$3) and performance	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 14:19
S35	321	(display frame) near3 rate and clock near3 (rate speed) and graphic\$2 near2 process\$3 and memory and (monitor\$3 measur\$3) and performance and level	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 14:20
S36	281	(display frame) near3 rate and clock near3 (rate speed) and graphic\$2 near2 process\$3 and memory and (monitor\$3 measur\$3) and performance and level and controller	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 14:45
S37	397	memory near3 bandwidth same clock adj cycles	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 14:45
S38	191	memory near3 bandwidth same clock adj cycles and pipeline	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 14:46
S39	37	memory near3 bandwidth same clock adj cycles and pipeline with delay	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 14:48
S40	291	graphics with processor with clock and memory with clock	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 14:48
S41	69	graphics with processor with clock and memory with clock and activity	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 16:40
S42	86	graphics with processor with clock and memory with clock and pipeline	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/15 17:43

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S43	61	pipeline same stage same stall same clock same (rate speed)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 15:18
S44	176	pipeline same stall same clock same (rate speed)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 16:11
S45	14	("20020069348"   "20020104032"   "20020188828"   "5452434"   "5799199"   "5987620"   "6233690"   "6247134"   "6317839"   "6609209"   "6611920"   "6651176"   "6851068").PN. OR ("7076681").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 15:26
S46	763	pipeline same (delay\$3 held adj up) same clock same (rate speed)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 16:12
S47	118	pipeline same (delay\$3 held adj up) same clock same (rate speed) same increase	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 16:13
S48	225	pipeline same (delay\$3 held adj up) same clock same (rate speed) same increas\$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 16:13
S49	227	pipeline same (delay\$3 held adj up) same clock same (rate speed) same increas\$5	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 16:31
S50	110	clock with throttl\$3 and pipeline	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 16:31
S51	23	clock with throttl\$3 same pipeline	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 16:35
S52	2559	processor same memory same utiliz\$5 same clock	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 16:35
S53	61	processor same memory same utiliz\$5 same clock same increase same rate	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 16:38
S54	808	under-utilization	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 16:38
S55	69	under-utilization and over-utilization	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 16:39
S56	8	under-utilization and over-utilization and clock	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 16:39

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S57	170	graphics with processor with clock and memory with clock and utiliz\$5	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 16:49
S58	3	((("5,615,376") or ("5,781,768") or ("5,991,883") or ("2001032321") or ("2002093478"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/03/14 16:50
S59	3	((("5,615,376") or ("5,781,768") or ("5,991,883") or ("2001032321") or ("2002093478"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/03/14 16:50
S60	3	("5,615,376" "5,781,768" "5,991,883" "2001032321" "2002093478").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 17:05
S61	5851	(dynamic variable) with clock with control	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 17:05
S62	31	(dynamic variable) adj clock adj control	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 17:11
S63	300	(dynamic variable) near2 clock near2 control	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 17:11
S64	6	(dynamic variable) near2 clock near2 control and memory and graphic\$2 and pipeline	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 17:13
S65	361	(dynamic variable) with clock with control same memory same process\$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 17:13
S66	20	(dynamic variable) with clock with control same memory same process\$3 same graphic\$2	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 17:14
S67	2946	barr.in.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 17:20
S68	5	barr.in. and bus adj clock adj frequency adj management	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 17:21
S69	331	monitor with utilization with (memory pipeline)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 17:22
S70	6	monitor with utilization with (memory pipeline) same clock	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 17:23
S71	111	monitor with utilization with (memory pipeline) and clock	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 17:23

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S72	37	monitor with utilization with (memory pipeline) and clock with (rate speed)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 17:23
S73	30	(US-20040044915-\$ or US-20050049729-\$ or US-20010011356-\$ or US-20050022037-\$ or US-20050195181-\$ or US-20050060594-\$ or US-20050044442-\$ or US-20040093460-\$ or US-20020188884-\$ or US-20030131270-\$ or US-20050044440-\$).did. or (US-7149909-\$ or US-6763478-\$ or US-6694492-\$ or US-7114086-\$ or US-7036032-\$ or US-7017053-\$ or US-6715089-\$ or US-6460125-\$ or US-7076681-\$ or US-6865653-\$ or US-6848058-\$ or US-6820209-\$ or US-6785829-\$ or US-6691237-\$ or US-6657634-\$ or US-7137013-\$ or US-6993669-\$ or US-7149913-\$ or US-7146519-\$).did.	US-PGPUB; USPAT	OR	ON	2007/03/14 17:27
S74	16	S73 and display	US-PGPUB; USPAT	OR	ON	2007/03/14 17:27
S75	6	S73 and display with rate	US-PGPUB; USPAT	OR	ON	2007/03/14 17:27
S76	1	maintain with minimum with display with frame with rate	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/15 10:38
S77	11	maintain with minimum with display with rate	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/15 10:38
S78	59	maintain with minimum with frame with rate	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/15 10:42
S79	1898	maintain with frame with rate	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/15 10:42
S80	7	maintain with frame with rate same memory same clock	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/15 10:43
S81	222	maintain with frame with rate same clock	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/15 10:43
S82	198	maintain with frame with rate same clock and memory	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/15 10:44

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S83	21	maintain with frame with rate same clock and memory and throttle	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/15 10:45
S84	198	maintain with frame with rate same clock and memory	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/15 11:14
S85	458	(3D three adj dimensional) and (2D two adj dimensional) and low\$2 near3 (power energy) and high\$2 near3 (power energy) and clock with (rate speed) same (processor memory)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/15 11:17
S86	251	(3D three adj dimensional) and (2D two adj dimensional) and low\$2 near3 (power energy) and high\$2 near3 (power energy) and clock with (rate speed) same (processor memory) and pipeline	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/15 11:18
S87	10	(3D three adj dimensional) and (2D two adj dimensional) and low\$2 near3 (power energy) and high\$2 near3 (power energy) and clock with (rate speed) same (processor memory) and pipeline and throttle	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/15 11:17
S88	30	(US-20050049729-\$ or US-20020188884-\$ or US-20050195181-\$ or US-20040044915-\$ or US-20010011356-\$ or US-20040093460-\$ or US-20050022037-\$ or US-20050060594-\$ or US-20050044442-\$ or US-20050044440-\$ or US-20030131270-\$).did. or (US-7114086-\$ or US-7036032-\$ or US-7017053-\$ or US-6715089-\$ or US-6657634-\$ or US-6460125-\$ or US-7149909-\$ or US-6763478-\$ or US-6694492-\$ or US-6848058-\$ or US-7076681-\$ or US-6865653-\$ or US-6691237-\$ or US-6785829-\$ or US-6820209-\$ or US-7149913-\$ or US-7146519-\$ or US-7137013-\$ or US-6993669-\$).did.	US-PGPUB; USPAT	OR	ON	2007/03/15 11:42
S89	7	S88 and (3D three adj dimensional) and (2D two adj dimensional)	US-PGPUB; USPAT	OR	ON	2007/03/15 11:42
S90	1	"6691237".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/15 14:29

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S91	81	("20020129379"   "20030088755"   "4001690"   "4550369"   "4611289"   "5021679"   "5072376"   "5167024"   "5218704"   "5268845"   "5303095"   "5365552"   "5396635"   "5408639"   "5410711"   "5412780"   "5416726"   "5428790"   "5442794"   "5461266"   "5465367"   "5481690"   "5523724"   "5524249"   "5532524"   "5544082"   "5548763"   "5560024"   "5566340"   "5615376"   "5623677"   "5630142"   "5632038"   "5633573"   "5640176"   "5646508"   "5652502"   "5652891"   "5691621"   "5710501"   "5710929"   "5721933"   "5721935"   "5727221"   "5729720"   "5740454"   "5748972"   "5754436"   "5754837"   "5754869"   "5765001"   "5778420"   "5781768"   "5781780"   "5805907"   "5815693"   "5832286"   "5845132"   "5872823"   "5886689"   "5996083"   "6029197"   "6049882"   "6078319"   "6188703"   "6201817"   "6243820"   "6332196"   "6373282"   "6430693"   "6456702"   "6460125"   "6462689"   "6463542"   "6590730"   "6608476"   "6678737"   "6765873"   "6775787"   "6832280"   "6888840").PN. OR ("7114086"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/15 15:27
S92	11	("5285197"   "5481697"   "5586309").PN. OR ("5781768"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/15 16:10
S93	7	("4463443"   "5402148"   "5559533"   "5748203"   "5781768").PN. OR ("6184905").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/15 16:30
S94	14	("20020069348"   "20020104032"   "20020188828"   "5452434"   "5799199"   "5987620"   "6233690"   "6247134"   "6317839"   "6609209"   "6611920"   "6651176"   "6851068").PN. OR ("7076681"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/15 16:31



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S95	26	("4644466"   "5452215"   "5521834"   "5557531"   "5559458"   "5666506"   "5684422"   "5751984"   "5859999"   "5860017"   "5884061"   "5898235"   "5903768"   "5938755"   "5941991"   "6122728"   "6182232"   "6195756"   "6219723"   "6275928"   "6357016"   "6367023").PN. OR ("6651176").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/15 16:40
S96	1	(10/624366).APP.	USPAT; USOCR	OR	ON	2007/03/15 16:46
S97	5	("20020073351"   "5774704"   "5914681"   "6281727"   "6845456").PN. OR ("7124309").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/15 16:51
S98	40	("5511203"   "5682273"   "5745375"   "5812860"   "5838968"   "5852737"   "5873000"   "5881298"   "5884049"   "5887179"   "5925133"   "5954820"   "5958058"   "6006248"   "6014611"   "6073244"   "6076171"   "6128745"   "6151681"   "6442700"   "6574740"   "6594753"   "6711129"   "RE36839").PN. OR ("6845456").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/15 17:02
S99	0	memory with percentage with clock and pipeline with percentage with clock	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/15 17:03
S10 0	29	memory with percentage with clock	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/15 17:04
S10 1	4	pipeline with percentage with clock	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/15 17:06
S10 2	830	graphic\$2 with memory with clock	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/15 17:06
S10 3	15	graphic\$2 with memory with clock same activity	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/15 17:09
S10 4	0	graphic\$2 same memory same clock same maintain with display with rate	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/15 17:10
S10 5	209	graphic\$2 same memory same clock same display with rate	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/15 17:43

## EAST Search History

S10 6	742	memory with clock with bandwidth	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/15 17:43
S10 7	114	graphics with processor with clock and memory with clock and bandwidth	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/15 17:54
S10 8	4	increase with (bandwidth clock) with based with activity	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/15 17:55
S10 9	179	increase with (bandwidth clock) with activity	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/15 17:55
S11 0	7	increase with (bandwidth clock) with activity same memory same processor	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/15 17:56
S11 1	261	(memory buffer) near3 clock and (processor core main system) near3 clock and dynamic\$4 with bandwidth	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/15 18:05
S11 2	43	clock adj control same memory same graphic\$2 same processor	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/15 18:09
S11 3	0	increase near3 clock same monitor with attribute with graphic\$2	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/15 18:10
S11 4	3	increase near3 clock same monitor with attribute	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/15 18:10
S11 5	205	utiliz\$5 with graphic\$2 adj pipeline	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/15 18:12
S11 6	11	utiliz\$5 with graphic\$2 adj pipeline same (clock bandwidth)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/15 18:13
S11 7	10	graphic\$2 adj pipeline same clock adj (frequency rate speed)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/15 18:15
S11 8	1599	pipeline same clock adj (frequency rate speed)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/15 18:16
S11 9	806	pipeline with clock adj (frequency rate speed)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/15 18:16
S12 0	24	pipeline with (dynamic alter adjust modify) with clock adj (frequency rate speed)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/15 18:19

## EAST Search History

S12 1	452	memory with (dynamic alter adjust modify) with clock adj (frequency rate speed)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/15 18:20
S12 2	6	memory with (dynamic alter adjust modify) with clock adj (frequency rate speed) with graphic\$2	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/15 18:20
S12 3	66	memory with (dynamic alter adjust modify) with clock adj (frequency rate speed) and pipeline	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/15 18:24
S12 4	0	complex with graphic\$2 with image with high adj power and graphic\$2 with image with low adj power	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/15 18:25
S12 5	1	lower adj (power energy) same threshold and graphic\$2 same image and utiliz\$5 and activity	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/15 18:27
S12 6	176	low\$2 adj (power energy) same threshold and graphic\$2 same image and utiliz\$5 and activity	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/15 18:28
S12 7	6	activity with graphics adj engine and activity with memory	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 18:05
S12 8	33	activity with graphic\$2 adj (engine controller process\$3) and activity with memory	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 18:06
S12 9	881	pipeline with activity	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 18:20
S13 0	38	pipeline with activity with (speed frequency rate)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 21:05
S13 1	607	pipeline with (speed frequency rate) with stage same clock	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 18:24
S13 2	148	pipeline with (speed frequency rate) with stage same clock and graphic\$2	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 18:24
S13 3	105	pipeline with (speed frequency rate) with stage same clock and graphic\$2 with process\$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 18:25
S13 4	102	pipeline with (speed frequency rate) with stage with clock and graphic\$2 with process\$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 18:26
S13 5	21	pipeline with (speed frequency rate) with stage with clock and graphic\$2 with process\$3 and activity	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 18:27

## EAST Search History

S13 6	80	graphic\$2 adj (engine controller process\$3) same pipeline same (adjust\$4 alter\$3 modify\$3 chang\$3 reduc\$3 increas\$3 decreas\$3) same (clock rate speed frequency)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 18:28
S13 7	1	graphic\$2 adj (engine controller process\$3) same pipeline same (adjust\$4 alter\$3 modify\$3 chang\$3 reduc\$3 increas\$3 decreas\$3) same (clock rate speed frequency) same activity	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 18:29
S13 8	4	graphic\$2 adj (engine controller process\$3) same pipeline same (adjust\$4 alter\$3 modify\$3 chang\$3 reduc\$3 increas\$3 decreas\$3) same (clock rate speed frequency) same (held adj up delay\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 18:37
S13 9	80	graphic\$2 adj (engine controller process\$3) same pipeline same (adjust\$4 alter\$3 modify\$3 chang\$3 reduc\$3 increas\$3 decreas\$3) same (clock rate speed frequency)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 18:31
S14 0	13	graphic\$2 adj (engine controller process\$3) same pipeline same (adjust\$4 alter\$3 modify\$3 chang\$3 reduc\$3 increas\$3 decreas\$3) same (clock rate speed frequency) same (monitor\$3 measur\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 18:32

## EAST Search History

S14 1	40	(US-20050049729-\$ or US-20050195181-\$ or US-20030131270-\$ or US-20040044915-\$ or US-20050022037-\$ or US-20010011356-\$ or US-20040093460-\$ or US-20050044442-\$ or US-20050044440-\$ or US-20050060594-\$ or US-20020188884-\$ or US-20030131271-\$).did. or (US-7149909-\$ or US-6694492-\$ or US-6865653-\$ or US-7146519-\$ or US-7114086-\$ or US-6715089-\$ or US-7076681-\$ or US-6763478-\$ or US-7124309-\$ or US-5781768-\$ or US-6820209-\$ or US-6785829-\$ or US-6691237-\$ or US-6993669-\$ or US-7149913-\$ or US-7017053-\$ or US-7137013-\$ or US-5481697-\$ or US-5774704-\$ or US-6397343-\$ or US-6845456-\$ or US-6076171-\$ or US-6657634-\$ or US-7043658-\$ or US-6460125-\$ or US-6848058-\$). did. or (US-7036032-\$ or US-6636976-\$).did.	US-PGPUB; USPAT	OR	ON	2007/03/16 18:33
S14 2	14	S141 and pipeline	US-PGPUB; USPAT	OR	ON	2007/03/16 18:33
S14 3	1601	pipeline with stage with delay\$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 18:38
S14 4	0	pipeline with stage with delay\$3 with clock with throttle	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 18:38
S14 5	0	pipeline with stage with delay\$3 same clock with throttle	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 18:38
S14 6	0	pipeline with stage with delay\$3 same clock same throttle	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 18:38
S14 7	692	pipeline with stage with delay\$3 same clock	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 18:39
S14 8	75	pipeline with stage with delay\$3 same clock same (increase decrease)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 18:39
S14 9	46	pipeline with stage with delay\$3 same clock same (increase decrease) same (rate speed frequency)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 18:41

## EAST Search History

S15 0	486	graphic\$2 near3 (controller engine process\$3) same pipeline same stage	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 18:42
S15 1	1	graphic\$2 near3 (controller engine process\$3) same pipeline same stage with delayed	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 18:42
S15 2	4	graphic\$2 near3 (controller engine process\$3) same pipeline same stage with delay\$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 18:43
S15 3	284	graphic\$2 near3 (controller engine process\$3) same pipeline same clock	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 18:44
S15 4	217	graphic\$2 near3 (controller engine process\$3) same pipeline same clock with cycle	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 18:44
S15 5	0	graphic\$2 near3 (controller engine process\$3) same pipeline same clock with cycle with held adj up	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 18:44
S15 6	30	pipeline with delay with increase with clock	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 18:46
S15 7	0	pipeline with overclock\$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 18:46
S15 8	0	pipeline same overclock\$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 18:46
S15 9	781	pipeline same utiliz\$3 same clock	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 18:47
S16 0	229	pipeline same utiliz\$5 same clock same (dynamic control variable adjust)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 18:47
S16 1	85	pipeline same utiliz\$5 same clock same (dynamic control variable adjust) same (rate speed frequency)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 18:48
S16 2	17	pipeline same utiliz\$5 same clock with (dynamic control variable adjust) with (rate speed frequency)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 18:48
S16 3	5	("20020073351"   "5774704"   "5914681"   "6281727"   "6845456").PN. OR ("7124309").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 18:49
S16 4	1	S163 and pipeline	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 18:49

## EAST Search History

S16 5	3	("20020175839"   "5740087"   "6611920").PN. OR ("7043658"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 19:17
S16 6	13	("20020103962"   "20020116181"   "20020138777"   "5783958"   "5889979"   "5987620"   "6304125"   "6393579"   "6553473"   "6564328"   "6611920"   "6629250"   "6651176").PN. OR ("7137013"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 19:23
S16 7	5	("20020073351"   "5774704"   "5914681"   "6281727"   "6845456").PN. OR ("7124309"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 19:31
S16 8	14	("20020069348"   "20020104032"   "20020188828"   "5452434"   "5799199"   "5987620"   "6233690"   "6247134"   "6317839"   "6609209"   "6611920"   "6651176"   "6851068").PN. OR ("7076681"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 19:31
S16 9	17	("5490059"   "5502838"   "5752011"   "5774704"   "5781768"   "6141762").PN. OR ("6397343"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 19:46
S17 0	3	S169 and pipeline	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 19:46
S17 1	60	("4677433"   "5142684"   "5163146"   "5287292"   "5291529"   "5301306"   "5319771"   "5319772"   "5325516"   "5381543"   "5392435"   "5408639"   "5416434"   "5420865"   "5428746"   "5442774"   "5450574"   "5451892"   "5455931"   "5469561"   "5487092"   "5488715"   "5490059"   "5491814"   "5506981"   "5535377"   "5537581"   "5546568"   "5561792"   "5563928"   "5579353"   "5586270").PN. OR ("5774704").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 19:49
S17 2	6	S171 and pipeline	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 20:01
S17 3	20	pipeline adj control with activity	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 19:56

## EAST Search History

S17 4	167	pipeline same stage with output same clock with (speed rate frequency)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 19:56
S17 5	15	pipeline same stage with output same clock with (speed rate frequency) with (increase decrease)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 19:57
S17 6	4	("5553276"   "5574925"   "5987620"   "6182233").PN. OR ("6502202").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 19:59
S17 7	1213	pipeline with time with delay	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 20:01
S17 8	304	pipeline with time with delay with stage	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 20:01
S17 9	0	pipeline with time with delay with stage with percentage	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 20:01
S18 0	0	pipeline with time with delay with stage with throttle	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 20:40
S18 1	2	pipeline with time with delay with stage and throttle	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 20:02
S18 2	127	pipeline with time with delay with stage same clock	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 20:02
S18 3	20	pipeline with time with delay with stage same clock with (rate frequency speed)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 20:02



## EAST Search History

S18 4	41	(US-20050049729-\$ or US-20050195181-\$ or US-20030131270-\$ or US-20040044915-\$ or US-20050022037-\$ or US-20010011356-\$ or US-20040093460-\$ or US-20050044442-\$ or US-20050044440-\$ or US-20050060594-\$ or US-20020188884-\$ or US-20030131271-\$).did. or (US-7149909-\$ or US-6694492-\$ or US-6865653-\$ or US-7146519-\$ or US-7114086-\$ or US-6715089-\$ or US-7076681-\$ or US-6763478-\$ or US-7124309-\$ or US-5781768-\$ or US-6820209-\$ or US-6785829-\$ or US-6691237-\$ or US-6993669-\$ or US-7149913-\$ or US-7017053-\$ or US-7137013-\$ or US-5481697-\$ or US-5774704-\$ or US-6397343-\$ or US-6845456-\$ or US-6076171-\$ or US-6657634-\$ or US-7043658-\$ or US-6460125-\$ or US-6848058-\$). did. or (US-7036032-\$ or US-6636976-\$ or US-6502202-\$). did.	US-PGPUB; USPAT	OR	ON	2007/03/16 20:04
S18 5	15	S184 and pipeline	US-PGPUB; USPAT	OR	ON	2007/03/16 20:06
S18 6	15	S184 and pipelin\$3	US-PGPUB; USPAT	OR	ON	2007/03/16 20:07
S18 7	9	S184 and pipelin\$3 and activity	US-PGPUB; USPAT	OR	ON	2007/03/16 20:14
S18 8	118	pipeline same slow with stage	US-PGPUB; USPAT	OR	ON	2007/03/16 20:14
S18 9	27	pipeline same slow with stage with (speed increase)	US-PGPUB; USPAT	OR	ON	2007/03/16 20:18
S19 0	2	pipeline same stage with too adj slow	US-PGPUB; USPAT	OR	ON	2007/03/16 20:18
S19 1	26	pipeline same stage with slow with clock	US-PGPUB; USPAT	OR	ON	2007/03/16 20:24
S19 2	4	pipeline same stage with too adj long	US-PGPUB; USPAT	OR	ON	2007/03/16 20:26
S19 3	1885	pipeline same activity	US-PGPUB; USPAT	OR	ON	2007/03/16 20:26
S19 4	267	pipeline same activity same clock	US-PGPUB; USPAT	OR	ON	2007/03/16 20:26

## EAST Search History

S19 5	67	pipeline same activity same clock same stage	US-PGPUB; USPAT	OR	ON	2007/03/16 20:37
S19 6	116	pipeline with delay with (unacceptabl\$1 long)	US-PGPUB; USPAT	OR	ON	2007/03/16 20:38
S19 7	8	pipeline with delay with (unacceptabl\$1)	US-PGPUB; USPAT	OR	ON	2007/03/16 20:39
S19 8	156	pipeline with delay with correct\$3	US-PGPUB; USPAT	OR	ON	2007/03/16 20:39
S19 9	6	pipeline with delay with correct\$3 with problem	US-PGPUB; USPAT	OR	ON	2007/03/16 20:40
S20 0	1388	pipeline with stal\$3 with (stage unit)	US-PGPUB; USPAT	OR	ON	2007/03/16 20:40
S20 1	1394	pipeline with stal\$3 with (stage unit)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 20:40
S20 2	447	pipeline with stal\$3 with (stage unit) same clock	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 20:40
S20 3	78	pipeline with stal\$3 with (stage unit) same clock same (rate frequency speed)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 20:41
S20 4	45	pipeline with stal\$3 with (stage unit) same clock with (rate frequency speed)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 20:44
S20 5	259	pipeline with prevent with stall\$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 20:44
S20 6	0	pipeline with prevent with stall\$3 same increase with clock	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 20:44
S20 7	40	pipeline with prevent with stall\$3 same clock	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 20:48
S20 8	29	pipeline with prevent with stall\$3 same performance	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 20:48
S20 9	0	measur\$3 with pipeline with pendency	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 20:49
S21 0	440	measur\$3 with pipeline with time	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 20:49
S21 1	32	measur\$3 with pipeline with time with stage	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 20:50

## EAST Search History

S21 2	41	pipeline with (measure monitor) with activity	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 20:51
S21 3	41	(US-20050049729-\$ or US-20050195181-\$ or US-20030131270-\$ or US-20040044915-\$ or US-20050022037-\$ or US-20010011356-\$ or US-20040093460-\$ or US-20050044442-\$ or US-20050044440-\$ or US-20050060594-\$ or US-20020188884-\$ or US-20030131271-\$).did. or (US-7149909-\$ or US-6694492-\$ or US-6865653-\$ or US-7146519-\$ or US-7114086-\$ or US-6715089-\$ or US-7076681-\$ or US-6763478-\$ or US-7124309-\$ or US-5781768-\$ or US-6820209-\$ or US-6785829-\$ or US-6691237-\$ or US-6993669-\$ or US-7149913-\$ or US-7017053-\$ or US-7137013-\$ or US-5481697-\$ or US-5774704-\$ or US-6397343-\$ or US-6845456-\$ or US-6076171-\$ or US-6657634-\$ or US-7043658-\$ or US-6460125-\$ or US-6848058-\$). did. or (US-7036032-\$ or US-6636976-\$ or US-6502202-\$). did.	US-PGPUB; USPAT	OR	ON	2007/03/16 20:56
S21 4	15	S213 and pipelin\$3	US-PGPUB; USPAT	OR	ON	2007/03/16 21:05
S21 5	0	pipeline with (monitor\$3 measur\$3) with percentage with stall\$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 21:05
S21 6	0	pipeline with (monitor\$3 measur\$3) with percent with stall\$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 21:05
S21 7	122	pipeline with (monitor\$3 measur\$3) with stall\$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 21:05
S21 8	4	pipeline with (monitor\$3 measur\$3) with length with stall\$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 21:06
S21 9	2	pipeline with (monitor\$3 measur\$3) with time with stall\$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 21:08
S22 0	1384	pipeline with delay with stage	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 21:08

## EAST Search History

S22 1	9	pipeline with delay with stage same activity	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 21:10
S22 2	4705	pipeline with delay	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 21:10
S22 3	1384	pipeline with stage with delay	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 21:10
S22 4	212	pipeline with stage with delay with output	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 21:10
S22 5	34	pipeline with stage with delay with output with time	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 21:13
S22 6	49	pipeline with measur\$3 with delay	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 21:14
S22 7	0	pipeline with measur\$3 with stall near3 time	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 21:14
S22 8	22	pipeline with measur\$3 with stall	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 21:16
S22 9	3	percentage with pipeline with stall	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 21:19
S23 0	24	percentage same pipeline same stall	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 21:19

## EAST Search History

S23 1	42	(US-20050049729-\$ or US-20050195181-\$ or US-20030131270-\$ or US-20040044915-\$ or US-20050022037-\$ or US-20010011356-\$ or US-20040093460-\$ or US-20050044442-\$ or US-20050044440-\$ or US-20050060594-\$ or US-20020188884-\$ or US-20030131271-\$).did. or (US-7149909-\$ or US-6694492-\$ or US-6865653-\$ or US-7146519-\$ or US-7114086-\$ or US-6715089-\$ or US-7076681-\$ or US-6763478-\$ or US-7124309-\$ or US-5781768-\$ or US-6820209-\$ or US-6785829-\$ or US-6691237-\$ or US-6993669-\$ or US-7149913-\$ or US-7017053-\$ or US-7137013-\$ or US-5481697-\$ or US-5774704-\$ or US-6397343-\$ or US-6845456-\$ or US-6076171-\$ or US-6657634-\$ or US-7043658-\$ or US-6460125-\$ or US-6848058-\$). did. or (US-7036032-\$ or US-6636976-\$ or US-6502202-\$ or US-5675729-\$).did.	US-PGPUB; USPAT	OR	ON	2007/03/16 21:22
S23 2	10	S231 and pipelin\$3 and activity	US-PGPUB; USPAT	OR	ON	2007/03/16 21:22
S23 3	800	345/501.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/19 18:54